



# **CALIFORNIA APPRENTICESHIP COUNCIL**

## **PIPE TRADES INDUSTRY**

### **SPRINKLER FITTER ADVISORY COMMITTEE**

#### **INDUSTRY TRAINING CRITERIA**





CALIFORNIA APPRENTICESHIP COUNCIL  
PIPE TRADES INDUSTRY  
Sprinkler Fitter  
Advisory Committee

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Introduction

Occupation Code- D. O. T. 862. 381. 01U

1. Length of Training

The length of training for a sprinkler fitter shall be a minimum of 7,000 hours O. J. T. (on the Job Training) and not less than 700 hours R. S. I. (Related Supplemental Instruction).

2. Related Supplemental Instruction

*See appendix A.*

3. On the Job Training

*See works processes appendix B.*

4. Competency Testing

All apprentices shall pass course competency tests based on Related Supplemental Instruction before being advanced to the next higher level.

5. Completion Percentages

Program sponsors who are not able to demonstrate a completion rate of 60 % of the apprentices indentured into their program after the stated probationary period will be subject to review by the D.A.S. The average number of apprentices indentured per year less apprentices removed during probationary period versus average number of apprentices graduating per year over a five-year period. It is recommended that all program sponsors reconcile completion percentages with the D.A.S. annually.



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Appendix A:

1. Trade safety / 10 Hour O.S.H.A. / Motorized Lift Equipment Safety Training.
2. C. P. R. / First Aid.
3. Trade math.
4. Sprinkler Head Types, Application & Operation.
5. Copper Soldering & Brazing.
6. Knot Tying & Rigging.
7. Tools of the trade.
8. Pipe, Fittings, Valves, Hangers and Seismic Restraints.
9. Applicable Installation Standards.
10. Wet Systems.
11. Dry Systems.
12. Special Systems.
13. Foam and Co2 Systems.
14. Underground Piping / Competent Person Training in Excavation and Trenching.
15. Fire Pumps.
16. Inspection, Testing & Maintenance.
17. Back flow prevention.
18. Alarms.
19. Hydraulics / Pipe Schedule Systems.
20. Reading plans, Sprinkler & Architectural
21. Isometric drawing
22. Economics of the Sprinkler Industry
23. Human Relations/ Foremanship



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\*APPENDIX B

ON THE JOB TRAINING WORKS PROCESSES

WORK PROCESSES

SPRINKLER FITTER

DOT: 862-381-01U

APPROXIMATE  
HOURS

A. Install pipes for various types of overhead and fire control Systems.	4,550
B. Install underground pipes and water supplies.	700
C. Install devices and special equipment.	350
D. Maintain, repair, and operate automatic sprinkler and fire control systems.	700
E. Handle and distribute materials. Proper use and care of tools and equipment.	<u>700</u>
Totals Hours	7,000

\*These are recommended minimums and individual and individual program sponsors should review and try to meet these items. A,B,C,D & E may be combined in different hours totals to meet the minimum of 7,000 hours.



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The following is a list of representatives from the signatory sector, who have agreed to represent the Fire Sprinkler Industry.

Employee Representatives

Stanley M. Smith  
Business Manager  
Sprinkler Fitters U. A. Local # 483  
Local # 483 J. A. C. Secretary  
23314 Cabot Blvd  
Hayward, CA 94545  
(510) 785 8483

Linda Loeffler,  
Administrator  
Sprinkler Fitters U. A. Local # 483 J. A. C.  
23312 Cabot Blvd  
Hayward, CA 94545  
(510) 782 9483

Robin Schledorn  
Director of Training  
Sprinkler Fitters U. A. Local 709 J. A. C.  
12140 Rivera Rd, Suite B  
Whittier, CA 90606  
(562) 907 7622  
E-mail: robin.Schledorn@709JAC.com

Employer Representatives

Dan Lawson  
Vice President  
Superior Automatic Sprinkler  
308 Sango Court  
Milpitas, CA 95035  
(408) 946 7272

Mike Ayers, CFO  
Qualco Fire Protection  
13151 Florence Avenue  
Santa Fe Springs, CA 90670  
(562) 946 5060



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The following is a list of Open Shop Representatives who have agreed to represent the Fire Sprinkler industry.

Employee Representatives

Mike McGrath  
Simplex/ Grinnell  
1701 West Sequoia Ave  
Orange, CA 92868  
714-870-1010

Joel Myers  
Pro Tech Fire Protection, Inc.  
8540 Younger Creek Dr., Ste 2  
Sacramento, CA 95828  
916-388-0255

Chuck Boyance  
Control Fire Protection  
1247 Ogden St  
Bakersfield, CA 93305  
661-322-1681

Employer Representatives

Tom McKinnon  
Aegis Fire Systems  
500 Boulder Ct, Suite A  
Pleasanton, CA 94566  
925-417-5550

Tim Higgins  
Quick Response Fire Systems  
27910 Industrial Blvd  
Hayward, CA 94545  
510-780-0600

Frank Rheinisch  
Alpha Fire Sprinkler Corp.  
650 Sweeny Lane  
San Luis Obispo, CA 93401  
805-541-2324



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**Signature Page:**

**Union Labor Management Program Sponsors.**

Stanley M. Smith

*Stanley M. Smith*

Dan Lawson

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Linda Loeffler

*Linda Loeffler*

Michael Ayers

*Michael Ayers*

Robin Schledorn

*Robin Schledorn*

**Unilateral Program Sponsors.**

Mike McGrath

*Michael McGrath*

Tom McKinnon

*Tom McKinnon*

Joel Myers

\_\_\_\_\_

Tim Higgins

*Tim Higgins*

Chuck Boyance

*Chuck Boyance*

Frank Rheinisch

*Frank Rheinisch*

Date: September 17, 2003